

Response Under 37 C.F.R. 1.116

Applicant: Yung Yip et al.

Serial No.: 10/822,884

Filed: April 13, 2004

Docket No.: 10305US02

Title: STATIC DISSIPATIVE HOUSING FOR DATA CARTRIDGE CARRYING NON-TAPE
STORAGE MEDIUM

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IN THE CLAIMS

1. (Previously Presented) A data cartridge, comprising:
a housing having a surface resistivity in a range of approximately 10^6 ohms/square to approximately 10^{12} ohms/square, wherein the housing is adapted to dissipate a static charge of the data cartridge;
a non-tape storage medium contained within the housing;
circuitry contained within the housing for accessing the non-tape storage medium; and
an externally accessible electrical connector supported by the housing and electrically coupled to the circuitry.
2. (Original) The data cartridge of claim 1, wherein the housing is adapted to dissipate approximately 5,000 volts DC to approximately 500 volts DC in less than approximately 0.5 seconds.
3. (Previously Presented) The data cartridge of claim 1, wherein the housing is formed of a static dissipative polymer.
4. (Original) The data cartridge of claim 1, wherein the housing is formed of a material including at least one of polypropylene, polyethylene, polystyrene, nylon, polycarbonate, ABS, and acrylic, and a dissipative polymer.
5. (Original) The data cartridge of claim 1, wherein the housing is formed of a material including a carbon-filled resin.
6. (Original) The data cartridge of claim 1, wherein the housing conforms to industry standard dimensions for a magnetic tape data cartridge.

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7. (Original) The data cartridge of claim 1, wherein the non-tape storage medium comprises a disk-shaped storage medium.

8. (Original) The data cartridge of claim 1, wherein the non-tape storage medium comprises one of a solid-state storage medium, an optical storage medium, a magneto-optical storage medium, and a holographic storage medium.

9-15. (Cancelled)

16. (Previously Presented) A data cartridge, comprising:
a housing formed of a material including a static dissipative polymer and having a surface resistivity in a range of approximately 10^6 ohms/square to approximately 10^{12} ohms/square, wherein the housing is adapted to dissipate a static charge of the data cartridge;
a non-tape storage medium contained within the housing;
circuitry for accessing the non-tape storage medium; and
an externally accessible electrical connector electrically coupled to the circuitry.

17. (Original) The data cartridge of claim 16, wherein the material of the housing further includes at least one of polypropylene, polyethylene, polystyrene, nylon, polycarbonate, ABS, and acrylic.

18. (Original) The data cartridge of claim 16, wherein the housing is adapted to dissipate approximately 5,000 volts DC to approximately 500 volts DC in less than approximately 0.5 seconds.

19. (Original) The data cartridge of claim 16, wherein the housing conforms to industry standard dimensions for a magnetic tape data cartridge.

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20. (Original) The data cartridge of claim 16, wherein the non-tape storage medium comprises one of a solid-state storage medium, an optical storage medium, a magneto-optical storage medium, and a holographic storage medium.